

4.2.K. 06010103130.

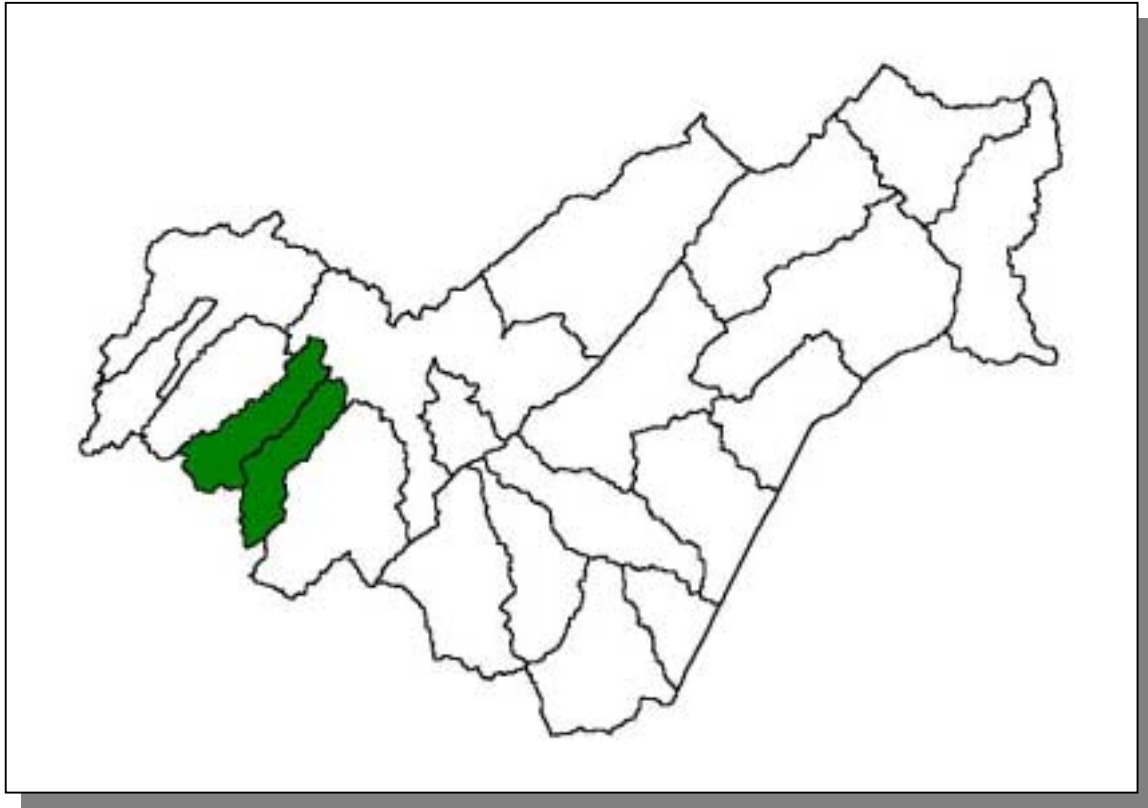


Figure 4-56. Location of Subwatershed 06010103130. All Watauga HUC-14 subwatershed boundaries are shown for reference.

4.2.B.i. General Description.

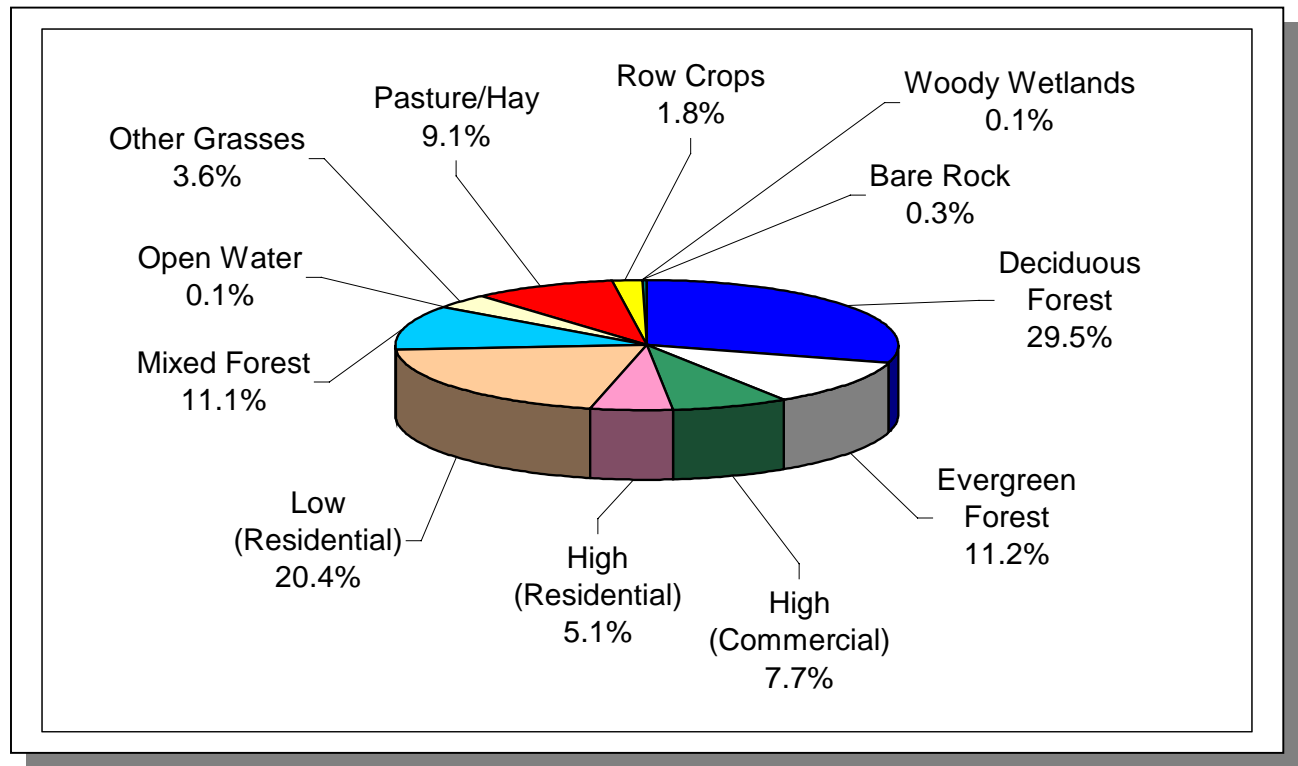


Figure 4-57. Land Use Distribution in Subwatershed 06010103130. More information is provided in Watauga-Appendix IV.

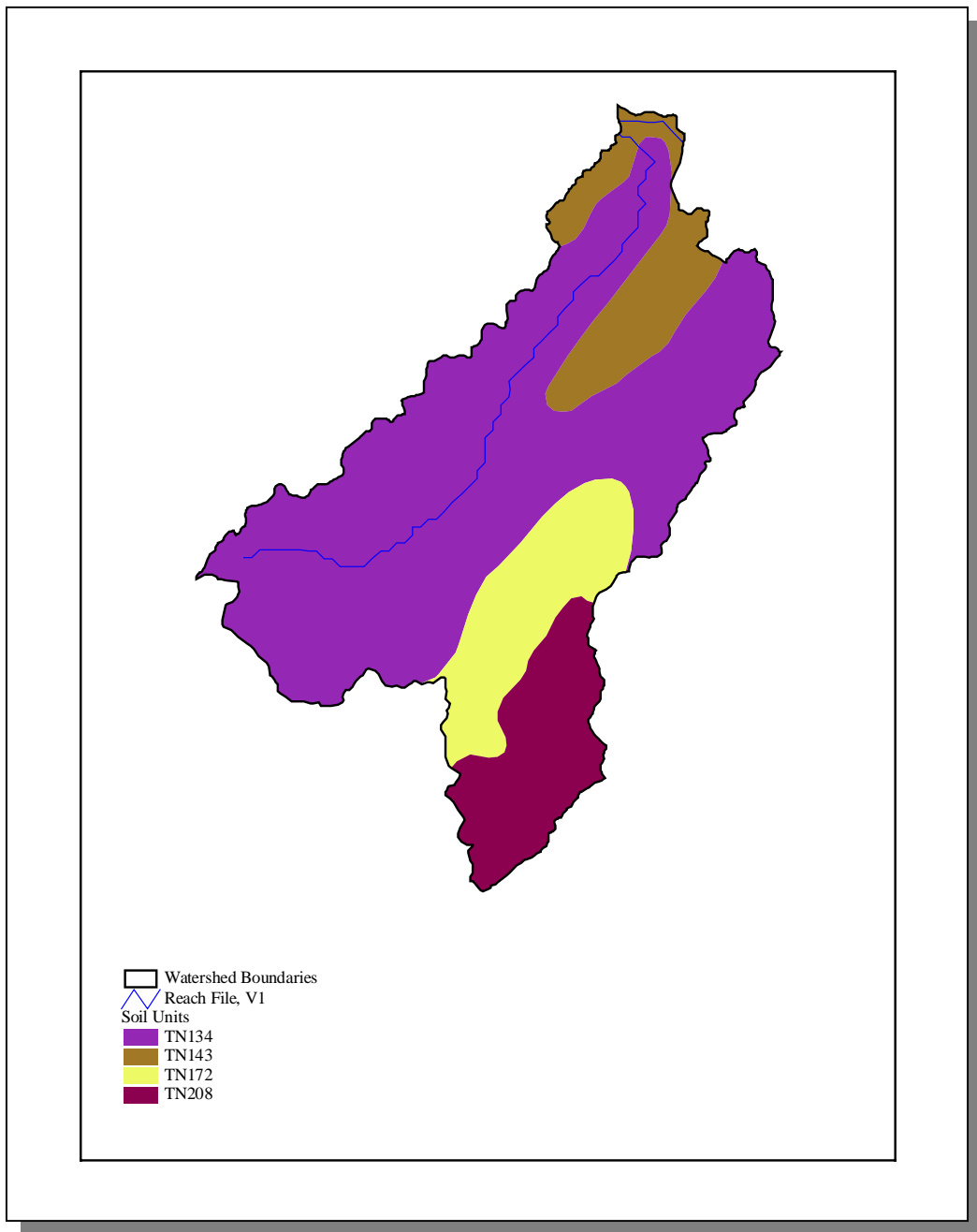


Figure 4-58. STATSGO (State Soil Geographic Database) Soil Map Units in Subwatershed 06010103130.

STATSGO MAP UNIT ID	PERCENT HYDRIC	HYDROLOGIC GROUP	PERMEABILITY (in/hour)	SOIL pH	ESTIMATED SOIL TEXTURE	SOIL ERODIBILITY
TN134	0.00	B	1.38	5.18	Loam	0.31
TN143	0.00	C	1.22	6.44	Loam	0.32
TN172	0.00	B	3.87	5.13	Loam	0.26
TN208	0.00	C	4.02	4.84	Loam	0.25

Table 4-55. Soil Characteristics by STATSGO (State Soil Geographic Database) Soil Map Units in Subwatershed 06010103130. More information is provided in Watauga-Appendix IV.

	COUNTY POPULATION			ESTIMATED POPULATION IN WATERSHED		% CHANGE
County	1990	1997 Est.	Portion of Watershed (%)	1990	1997	
Carter	51,505	53,132	1.39	715	738	3.2
Unicoi	16,549	17,221	0.06	11	11	0.0
Washington	92,315	101,368	7.7	7,106	7,803	9.8
Totals	160,369	171,721		7,832	8,552	9.2

Table 4-56. Population Estimates in Subwatershed 06010103130.

			NUMBER OF HOUSING UNITS			
Populated Place	County	Population	Total	Public Sewer	Septic Tank	Other
Johnson City	Washington	49,178	21,214	19,213	2,001	0
Elizabethton	Carter	11,931	5,191	4,991	200	0
Totals		61,109	26,405	24,,204	2,201	0

Table 4-57. Housing and Sewage Disposal Practices of Select Communities in Subwatershed 06010103130.

4.2.K.ii. Point Source Contributions.



Figure 4-59. Location of Active Point Source Facilities (Individual Permits) in Subwatershed 06010103130. Subwatershed 06010103050040, and 06010103050050 boundaries are shown for reference. More information, including the names of facilities, is provided in Watauga-Appendix IV.

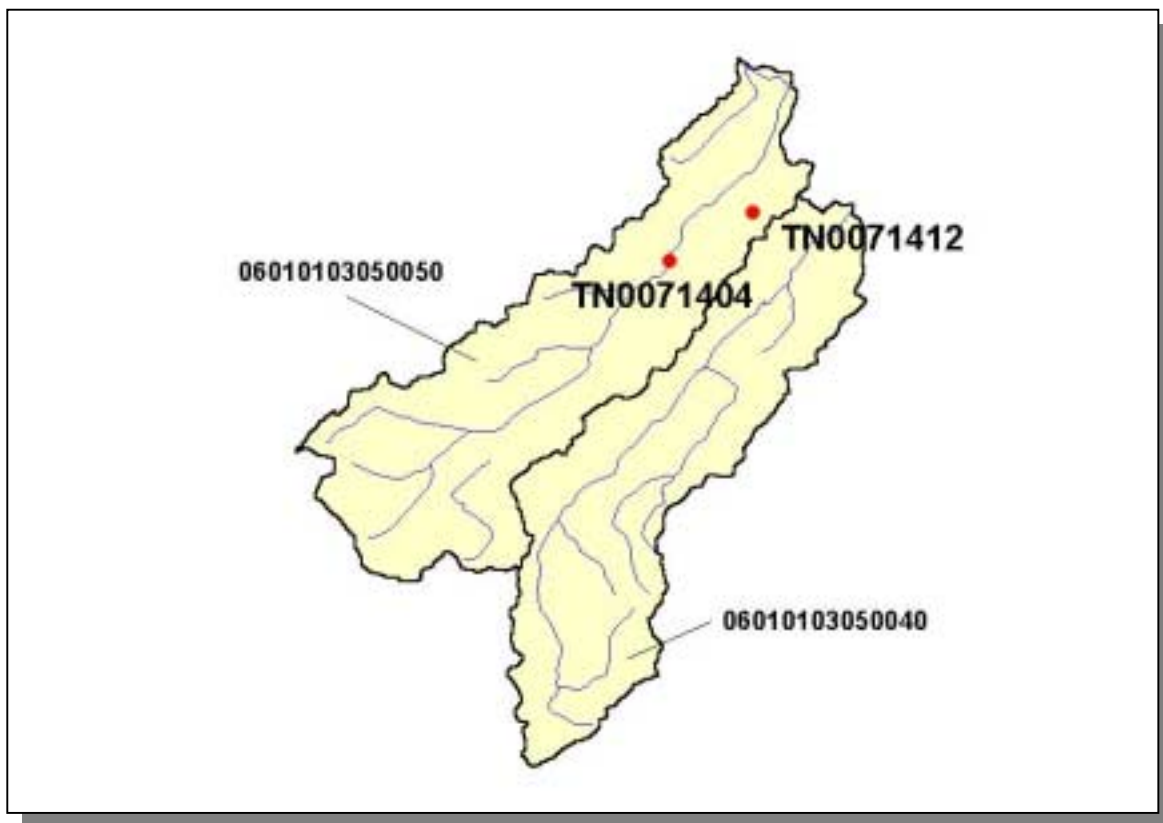


Figure 4-60. Location of Active Mining Sites in Subwatershed 06010103130. Subwatershed 06010103050040 and 06010103050050 boundaries are shown for reference. More information, including the names of facilities, is provided in Watauga-Appendix IV.

4.2.K.ii.a. Dischargers to Water Bodies Listed on the 1998 303(d) List

There is one NPDES facility discharging to water bodies listed on the 1998 303(d) list in Subwatershed 06010103130:

- TN0002500 discharges to Sinking Creek @ RM 3.6



Figure 4-61. Location of NPDES Dischargers to Water Bodies Listed on the 1998 303(d) List in Subwatershed 06010103130. Subwatershed 06010103050040, and 06010103050050 boundaries are shown for reference. The names of facilities are provided in Watauga-Appendix IV.

PERMIT #	7Q10	1Q20	30Q2	QLTA
TN0002500	0	0	0	0.0828

Table 4-58. Receiving Stream Flow Information for NPDES Dischargers to Waterbodies Listed on the 1998 303(d) List in Subwatershed 06010103130. Data are in million gallons per day (MGD). 30Q2 data were calculated using the correlation method (TN0001384) or using data in Flow Duration and Low Flows of Tennessee Streams Through 1992 (TN0057789).

PERMIT #	CBOD ₅
TN0002500	X

Table 4-59. Monitoring Requirements for NPDES Dischargers to Waterbodies Listed on the 1998 303(d) List in Subwatershed 06010103130.

4.2.K.iii. Nonpoint Source Contributions.

LIVESTOCK (COUNTS)					
Beef Cow	Cattle	Milk Cow	Chickens	Hogs	Sheep
774	1,846	167	<5	8	12

Table 4-60. Summary of Livestock Count Estimates in Subwatershed 06010103130.
According to the Census of Agriculture, "Cattle" includes heifers, heifer calves, steers, bulls and bull calves.

County	INVENTORY		REMOVAL RATE	
	Forest Land (thousand acres)	Timber Land (thousand acres)	Growing Stock (million cubic feet)	Sawtimber (million board feet)
Carter	161.3	155.5	3.4	12.4
Unicoi	99.3	89.4	3.1	8.5
Washington	54.8	50.3	0.3	0.2
Total	315.4	295.2	6.8	21.1

Table 4-61. Forest Acreage and Average Annual Removal Rates (1987-1994) in Subwatershed 06010103130.

CROPS	TONS/ACRE/YEAR
Tobacco (Row Crops)	7.59
Grass (Pastureland)	0.52
Grass, Forbs, Legumes (Mixed Pasture)	0.40
Forest Land (Not Grazed)	0.00
Farmsteads and Ranch Headquarters	0.24
Non Agricultural Land Use	0.00
Corn (Row Crops)	12.15
Grass (Hayland)	0.56
Legume Grass (Hayland)	0.23
Forest Land (Grazed)	0.00
Other Vegetable and Truck Crop	6.10
Legume (Hayland)	0.06

Table 4-62. Annual Estimated Total Soil Loss in Subwatershed 06010103130.